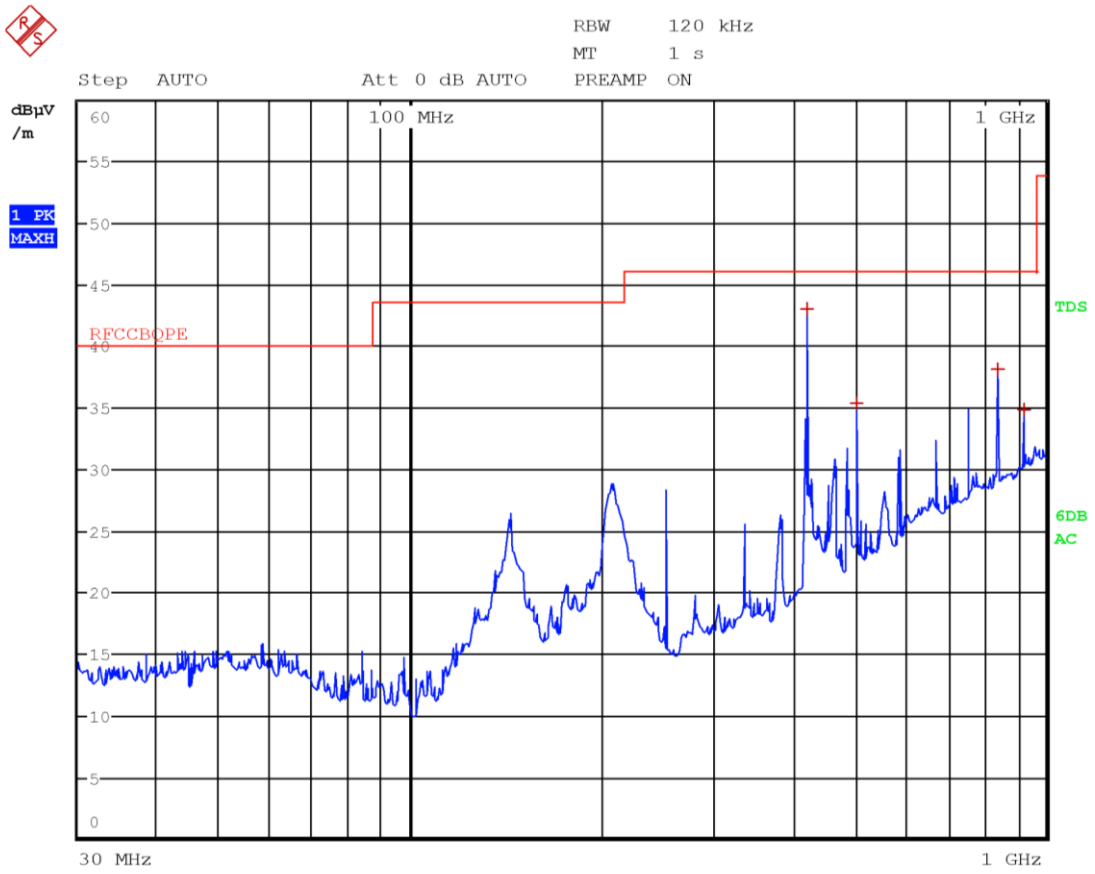

Figure 8.6-17: *Radiated spurious emissions for low channel 8-DPSK modulation – Antenna in horizontal polarization*

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
420.0300	43.1	46.0	-2.9	QP
503.9700	35.5	46.0	-10.5	QP
840.0000	38.2	46.0	-7.8	QP
924.0900	34.9	46.0	-11.1	QP

Note: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.

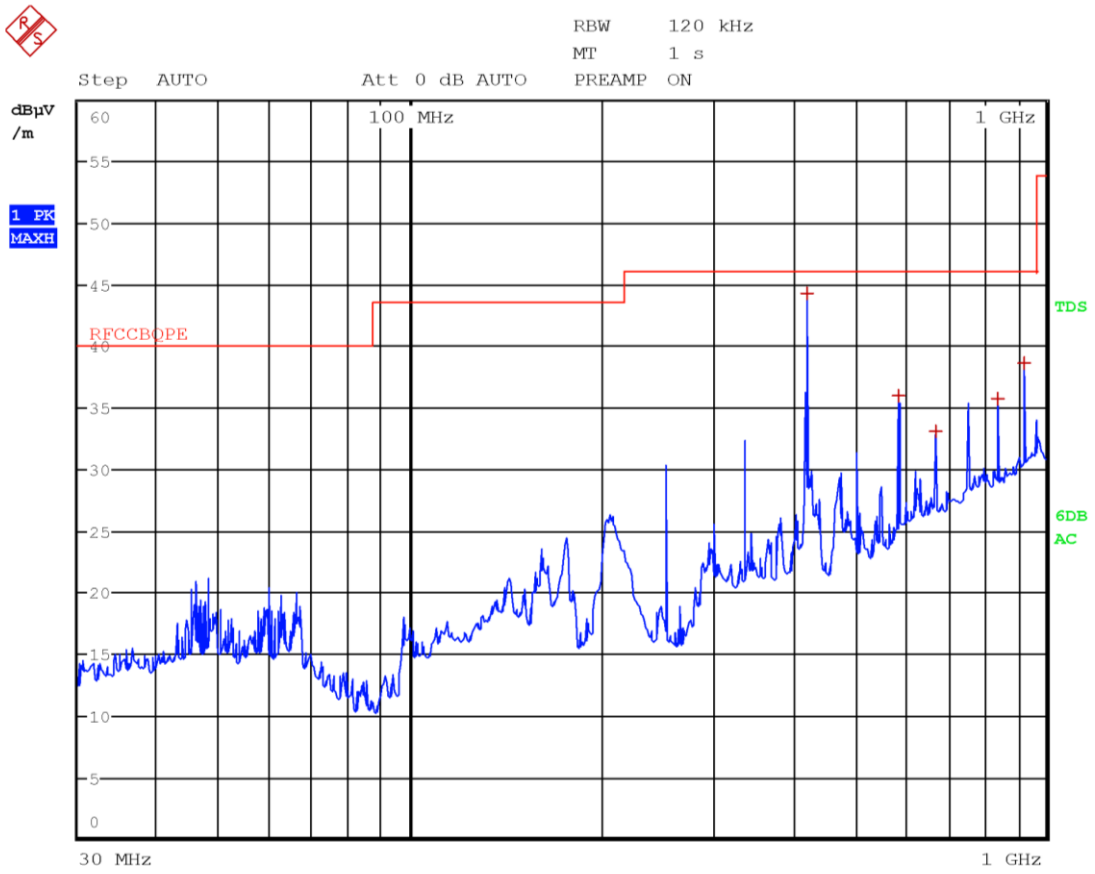

Figure 8.6-18: *Radiated spurious emissions for low channel 8-DPSK modulation – Antenna in vertical polarization*

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
420.0000	44.3	46.0	-1.7	QP
587.9100	36.0	46.0	-10.0	QP
672.0000	33.1	46.0	-12.9	QP
839.9100	35.8	46.0	-10.2	QP
924.0900	38.7	46.0	-7.3	QP

Note: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.

Test data, continued

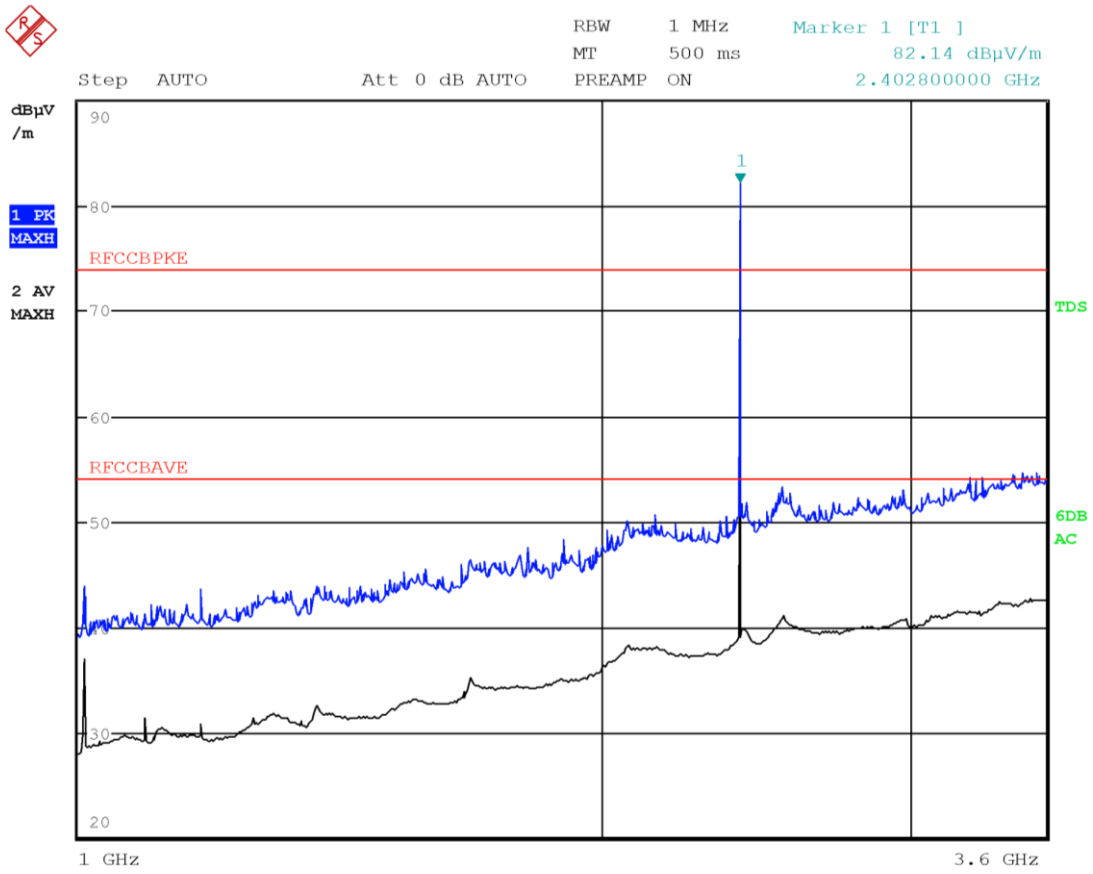

Figure 8.6-19: *Radiated spurious emissions for low channel 8-DPSK modulation – Antenna in horizontal polarization*

No spurious detected – Limit exceeded by the carrier

Test data, continued

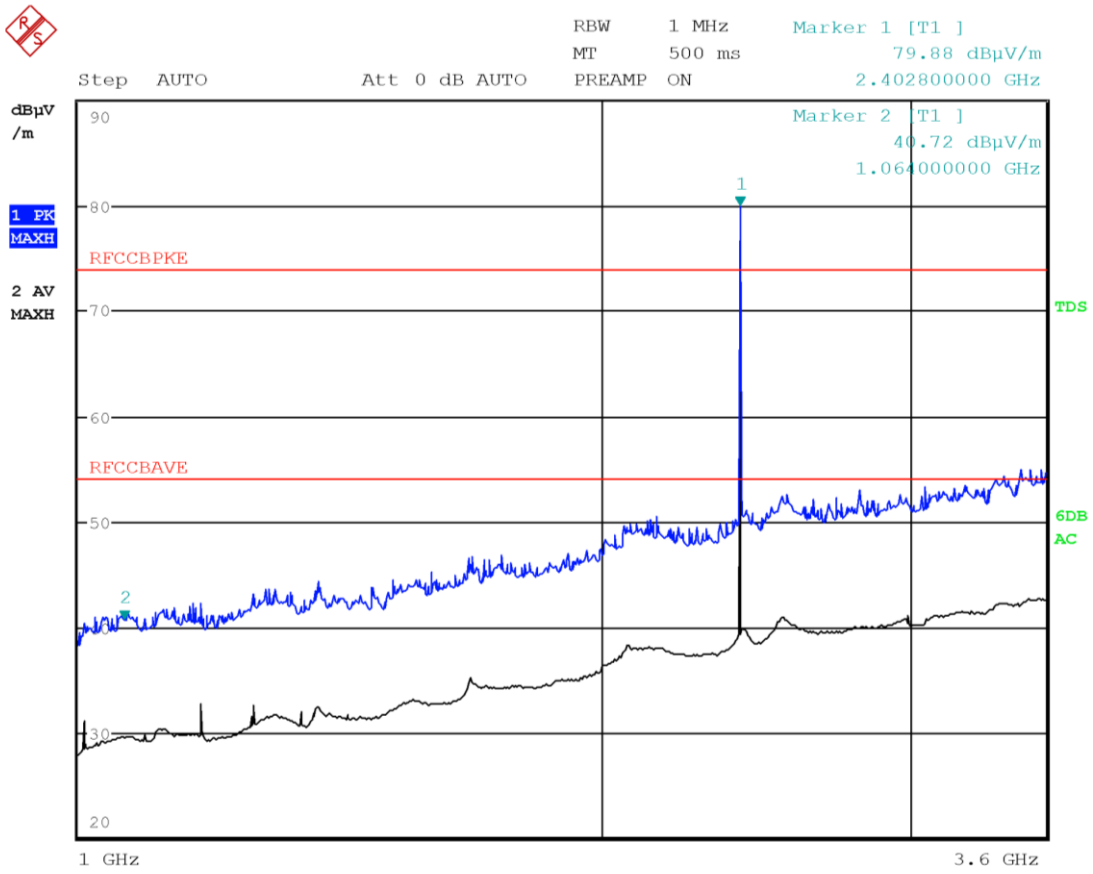

Figure 8.6-20: *Radiated spurious emissions for low channel 8-DPSK modulation – Antenna in vertical polarization*

No spurious detected – Limit exceeded by the carrier

Test data, continued

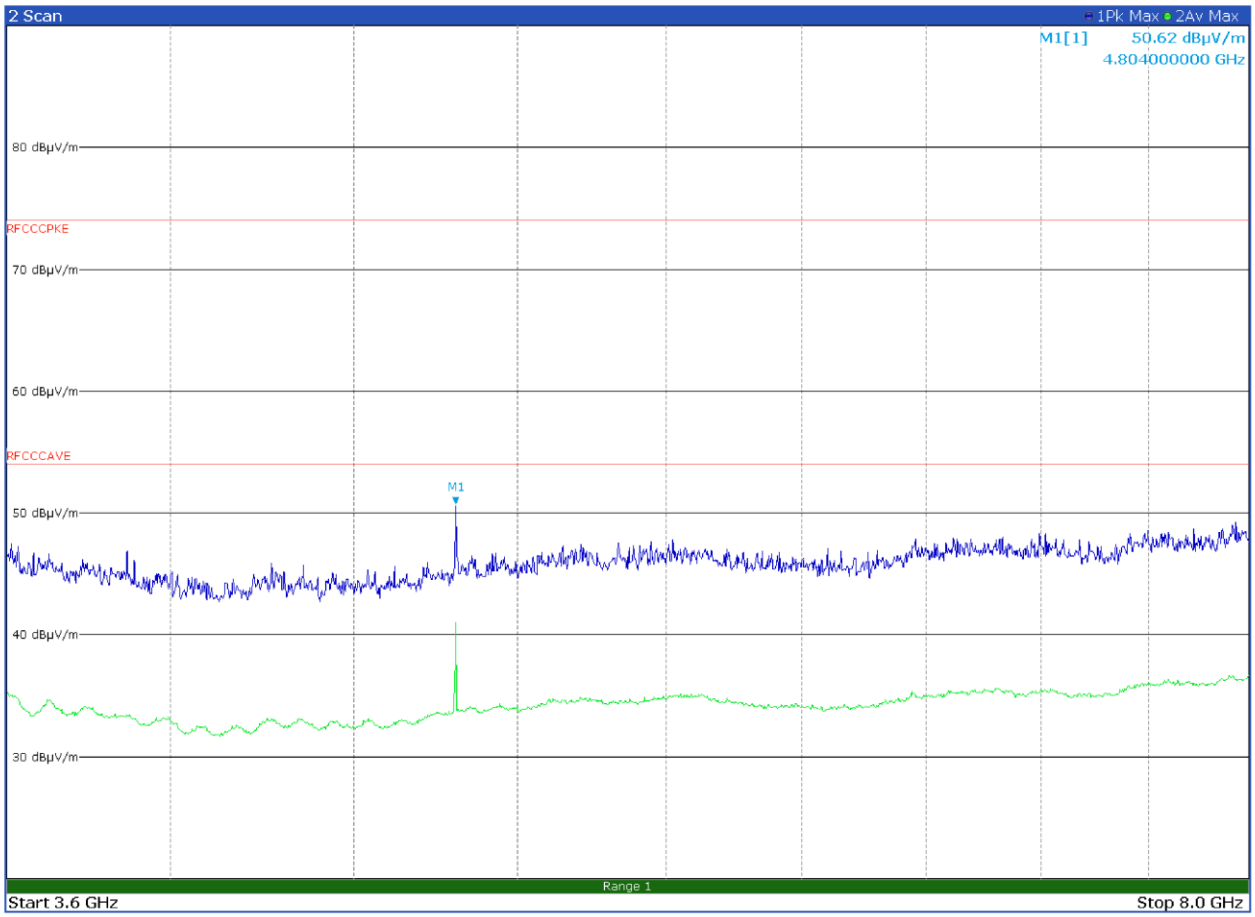

Figure 8.6-21: *Radiated spurious emissions for low channel 8-DPSK modulation – Antenna in horizontal polarization*

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
4804.00	50.6	74.0	-23.4	PK
4804.00	50.1	54.0	-3.9	AV

Note: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.

Test data, continued

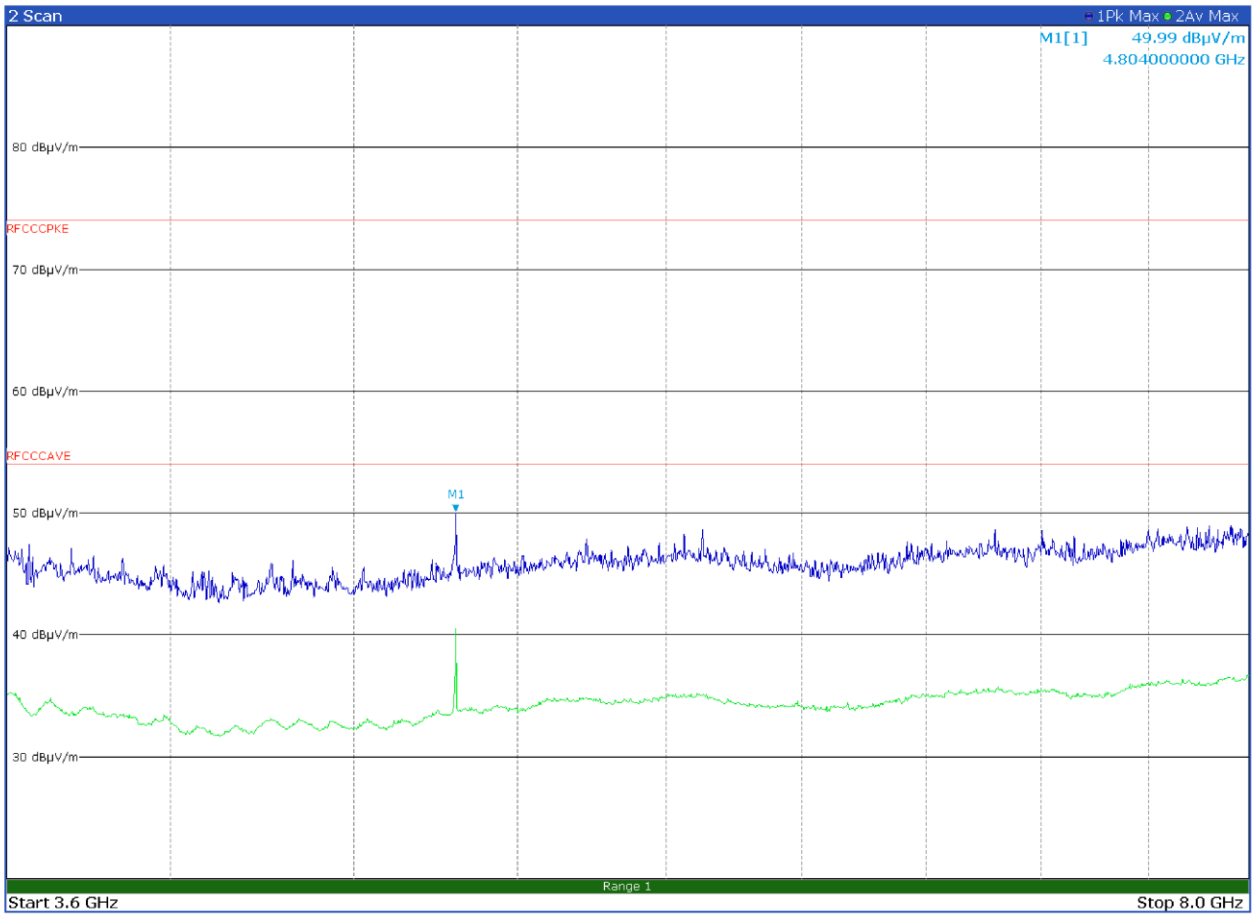

Figure 8.6-22: *Radiated spurious emissions for low channel 8-DPSK modulation – Antenna in vertical polarization*

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
4804.00	50.0	74.0	-24.0	PK
4804.00	49.3	54.0	-4.7	AV

Note: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.

Test data, continued

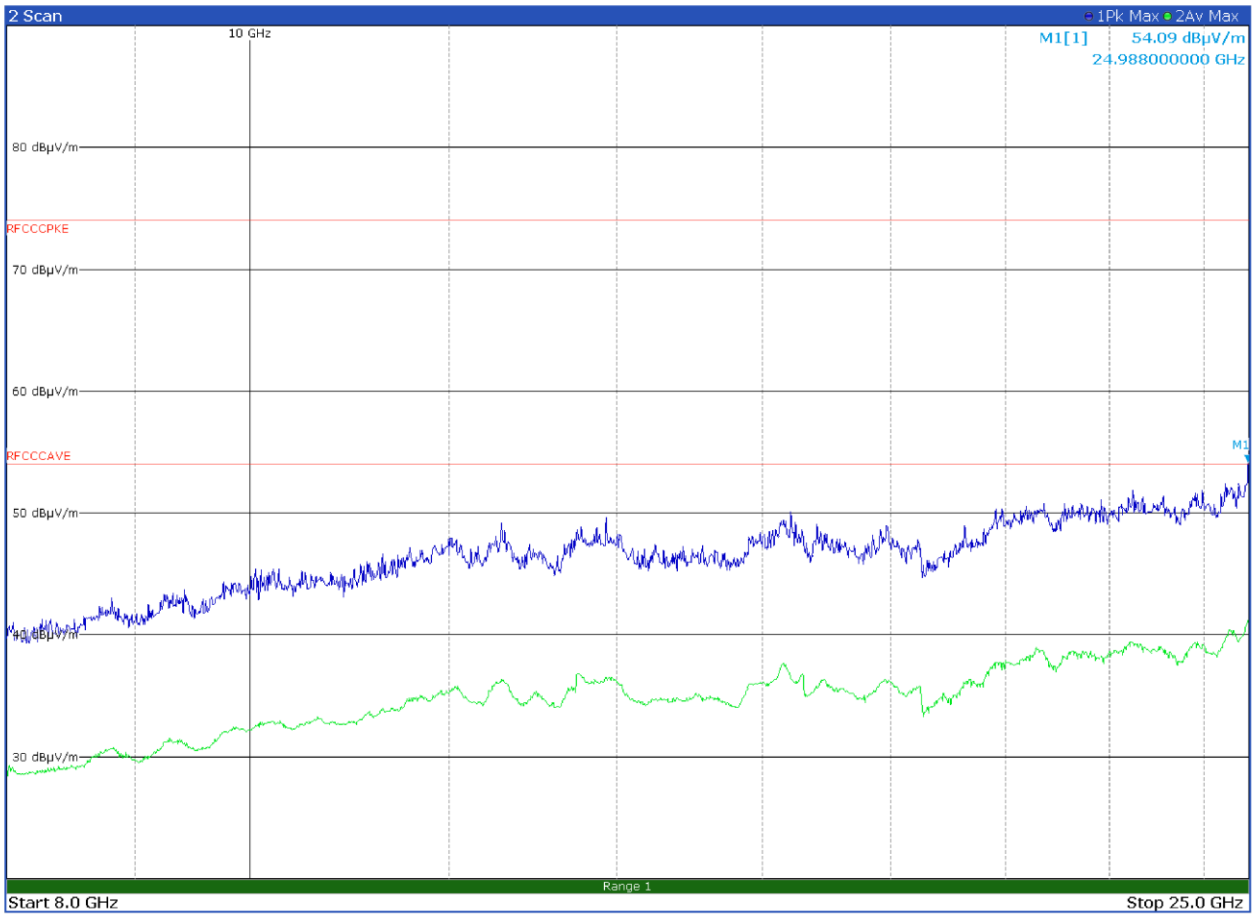

Figure 8.6-23: *Radiated spurious emissions for low channel 8-DPSK modulation – Antenna in horizontal polarization*

No spurious detected

Test data, continued

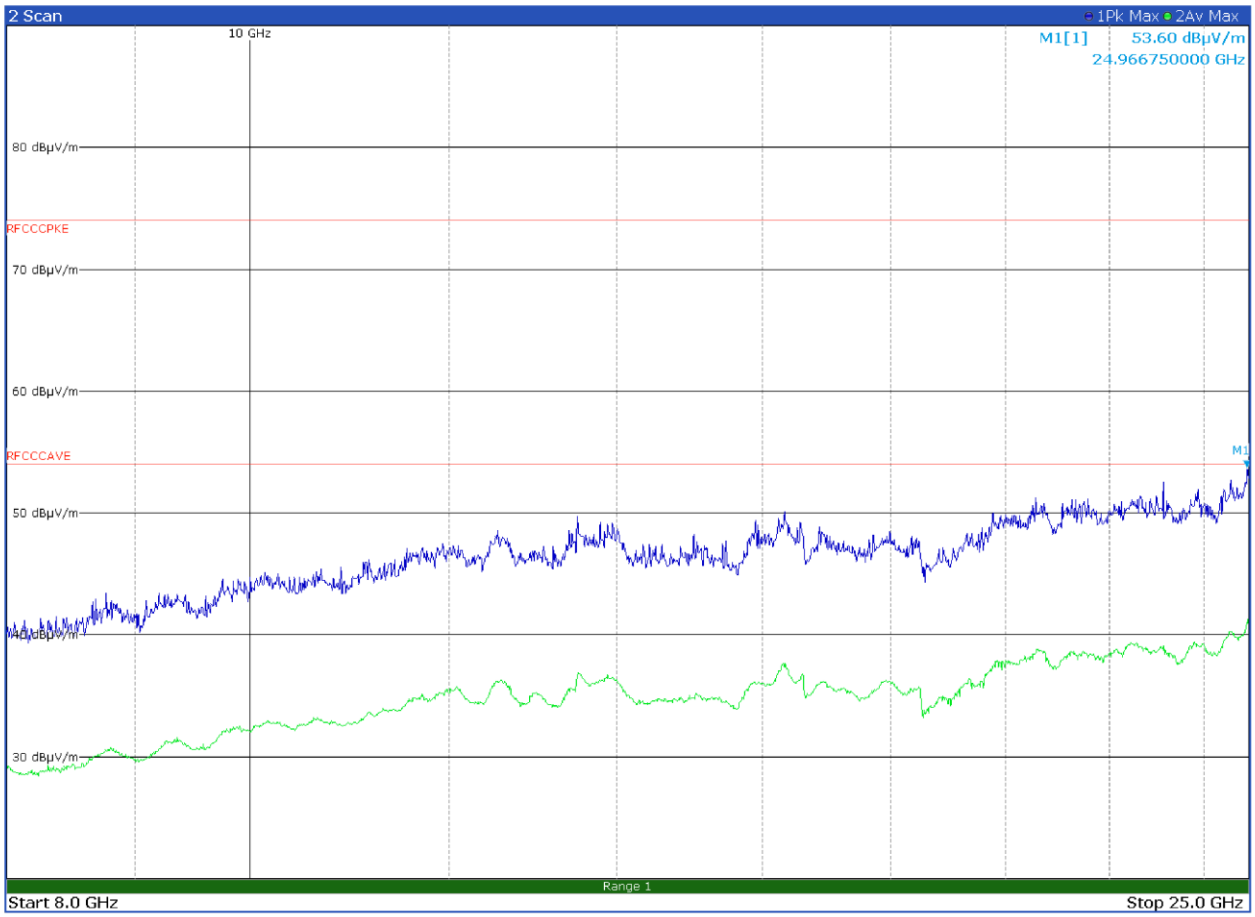

Figure 8.6-24: *Radiated spurious emissions for low channel 8-DPSK modulation – Antenna in vertical polarization*

No spurious detected

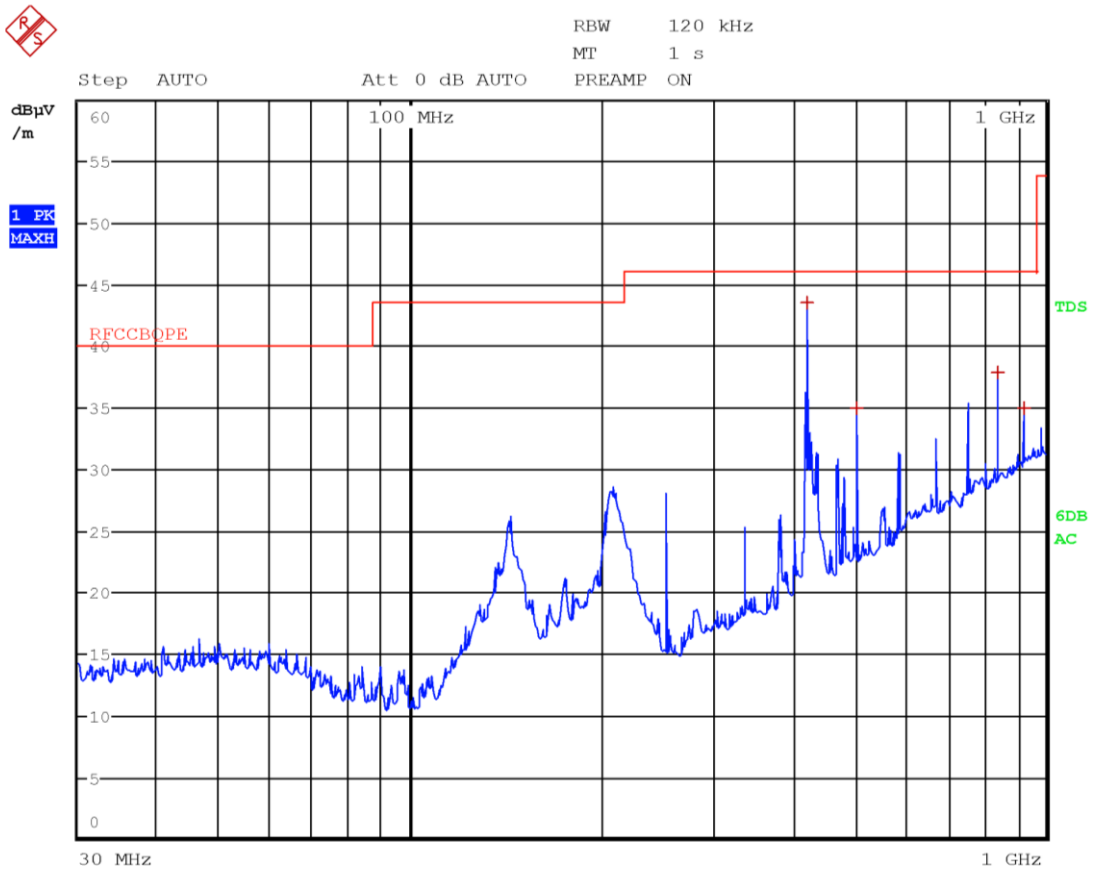

Figure 8.6-25: *Radiated spurious emissions for mid channel GFSK modulation – Antenna in horizontal polarization*

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
419.9700	43.6	46.0	-2.4	QP
503.9400	35.0	46.0	-11.0	QP
839.9400	37.9	46.0	-8.1	QP
923.9700	35.0	46.0	-11.0	QP

Note: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.

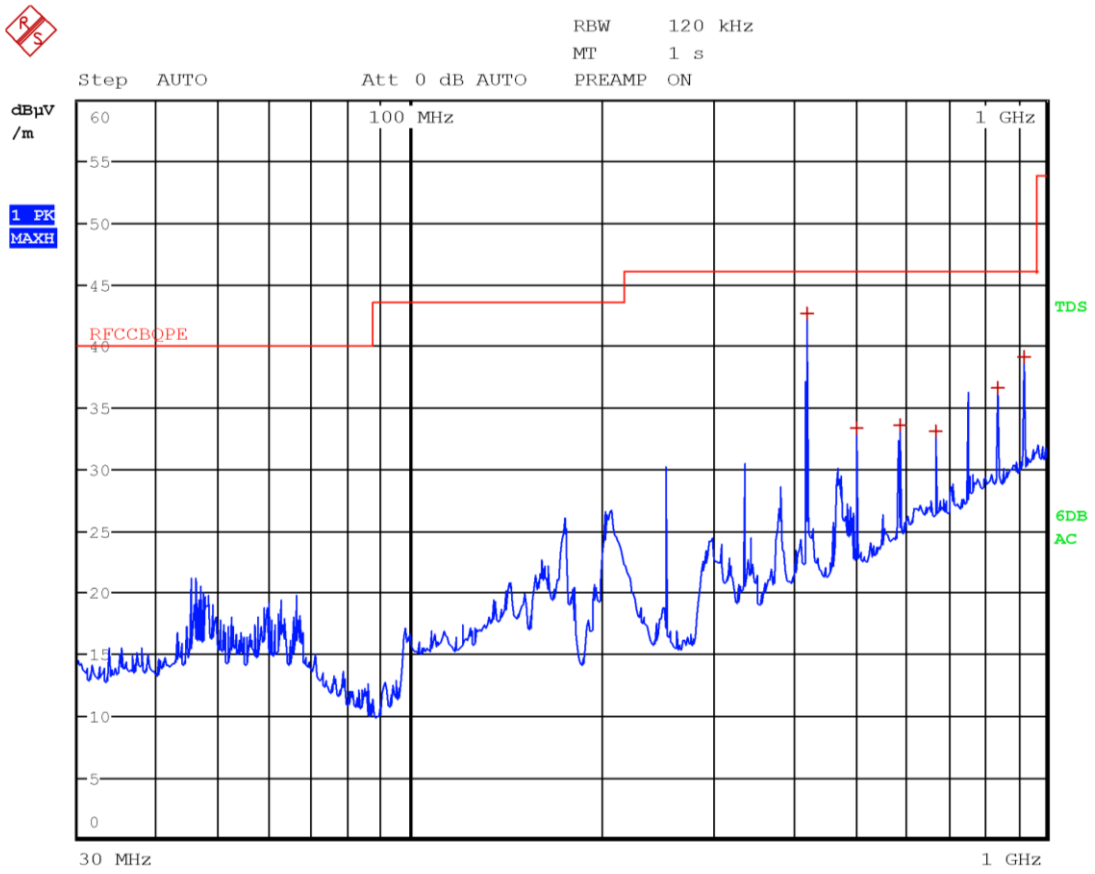

Figure 8.6-26: *Radiated spurious emissions for mid channel GFSK modulation – Antenna in vertical polarization*

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
420.0000	42.7	46.0	-3.3	QP
504.0000	33.3	46.0	-12.7	QP
588.0300	33.6	46.0	-12.4	QP
671.9700	33.1	46.0	-12.9	QP
840.0000	36.7	46.0	-9.3	QP
924.0900	39.2	46.0	-6.8	QP

Note: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.

Test data, continued

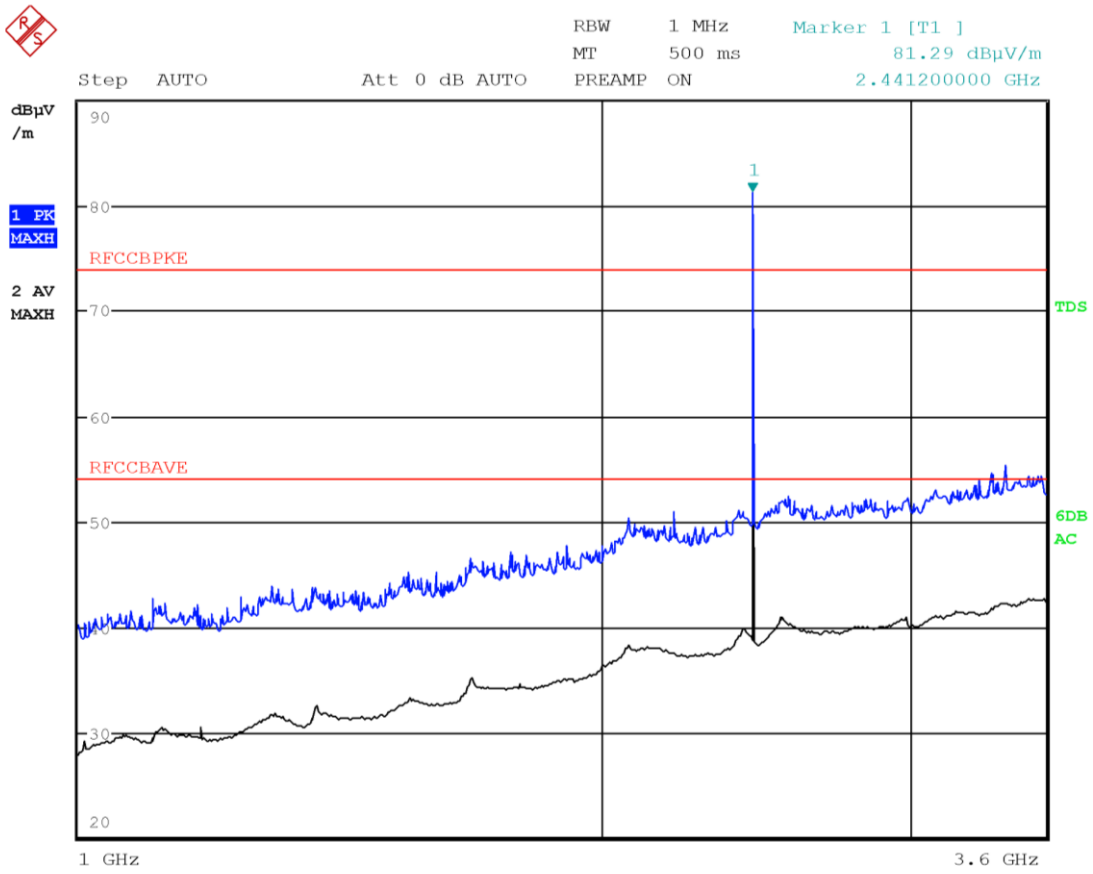

Figure 8.6-27: *Radiated spurious emissions for mid channel GFSK modulation – Antenna in horizontal polarization*

No spurious detected – Limit exceeded by the carrier

Test data, continued

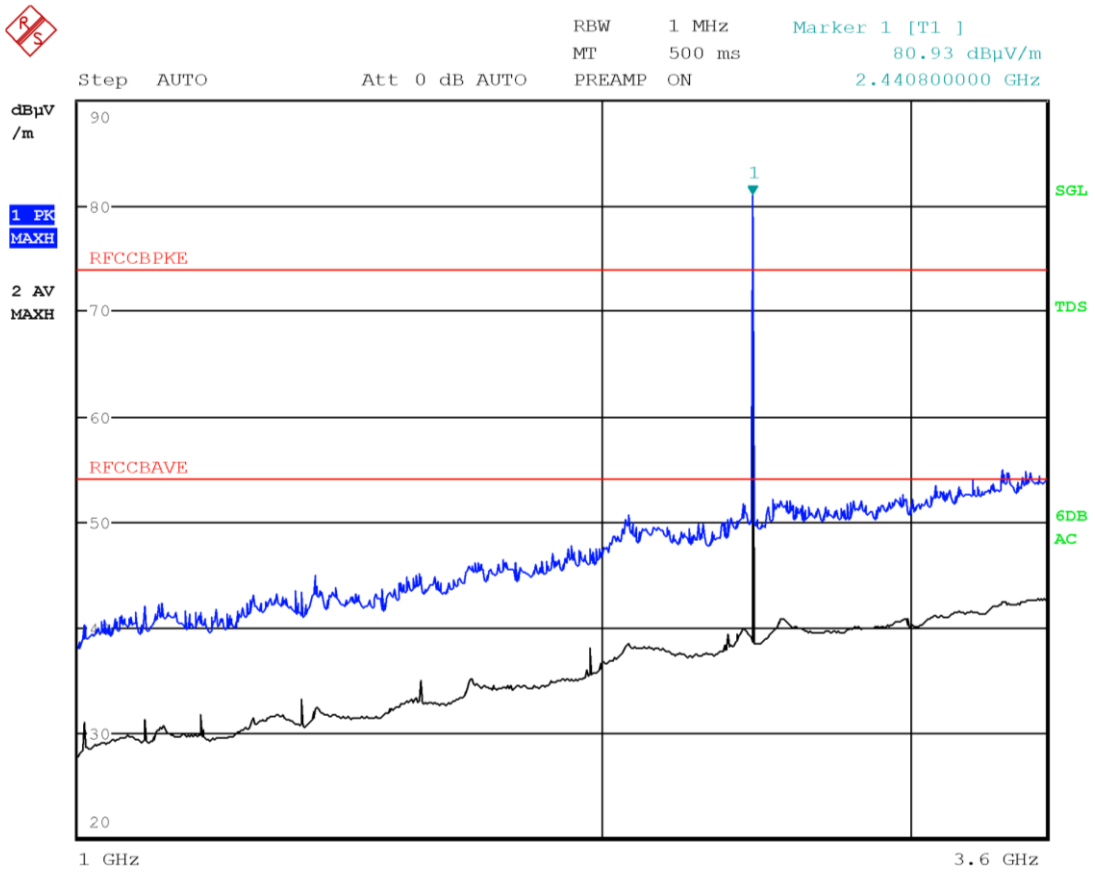

Figure 8.6-28: *Radiated spurious emissions for mid channel GFSK modulation – Antenna in vertical polarization*

No spurious detected – Limit exceeded by the carrier

Test data, continued

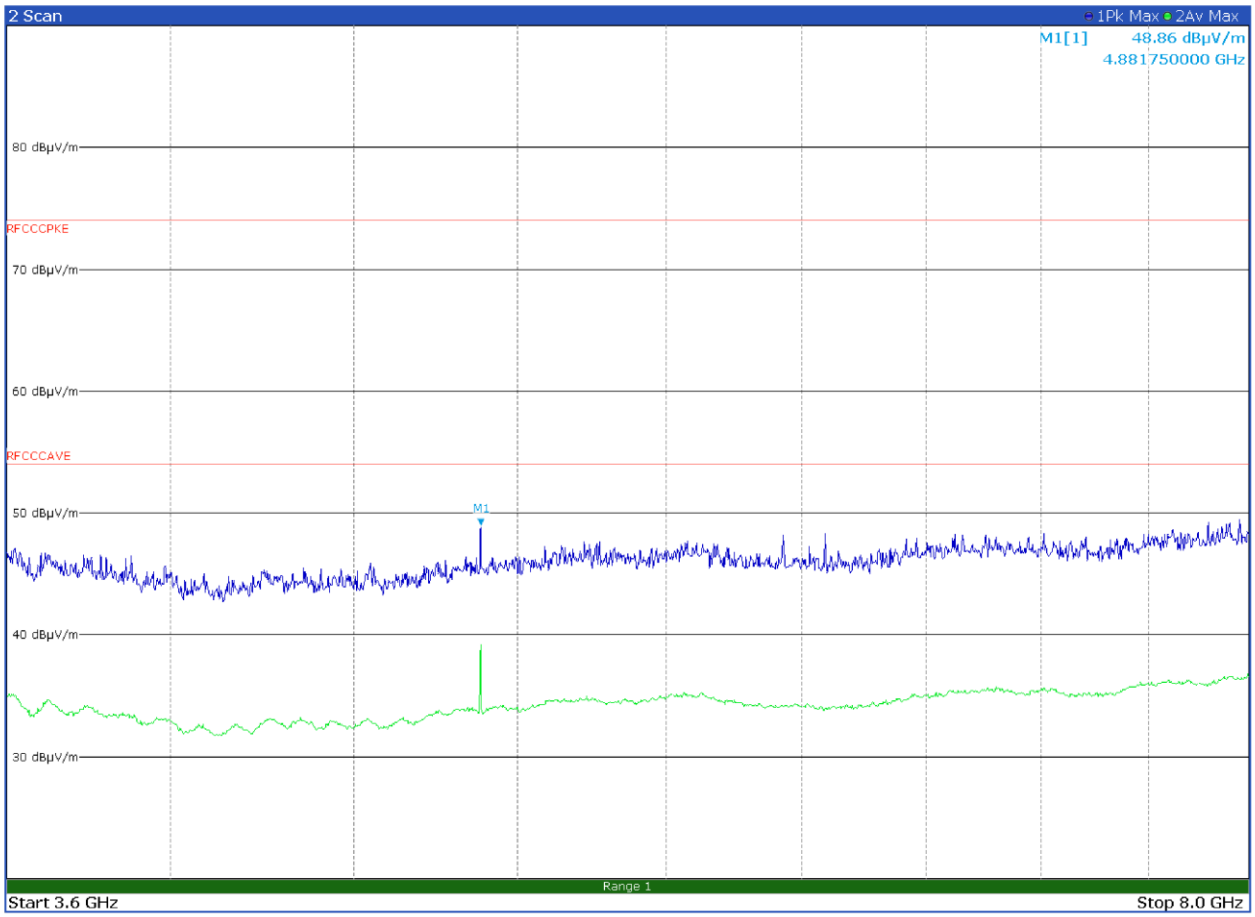

Figure 8.6-29: *Radiated spurious emissions for mid channel GFSK modulation – Antenna in horizontal polarization*

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
4881.75	48.9	74.0	-25.1	PK
4881.75	48.5	54.0	-5.5	AV

Note: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.

Test data, continued

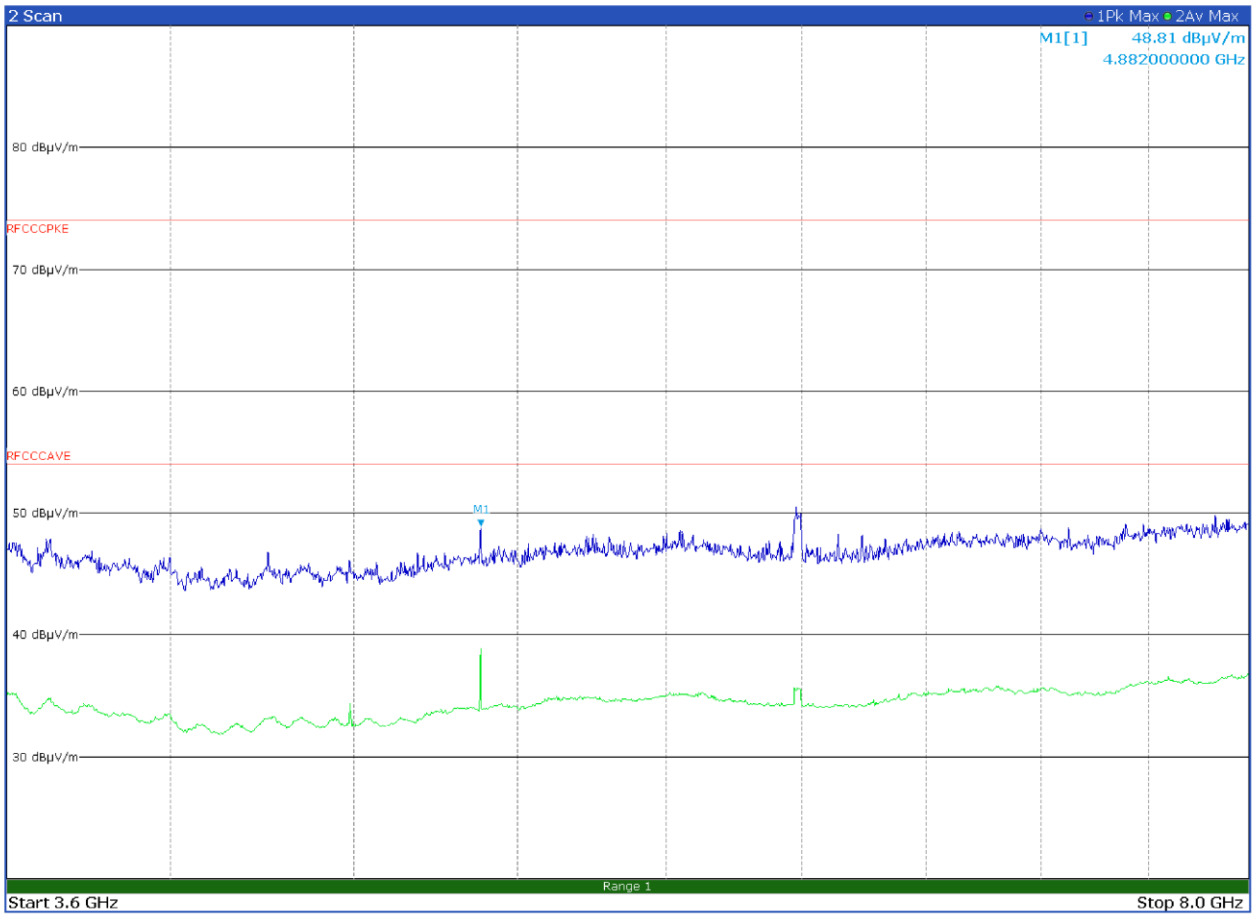

Figure 8.6-30: *Radiated spurious emissions for mid channel GFSK modulation – Antenna in vertical polarization*

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
4882.00	48.8	74.0	-25.2	PK
4882.00	48.5	54.0	-5.5	AV

Note: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.

Test data, continued

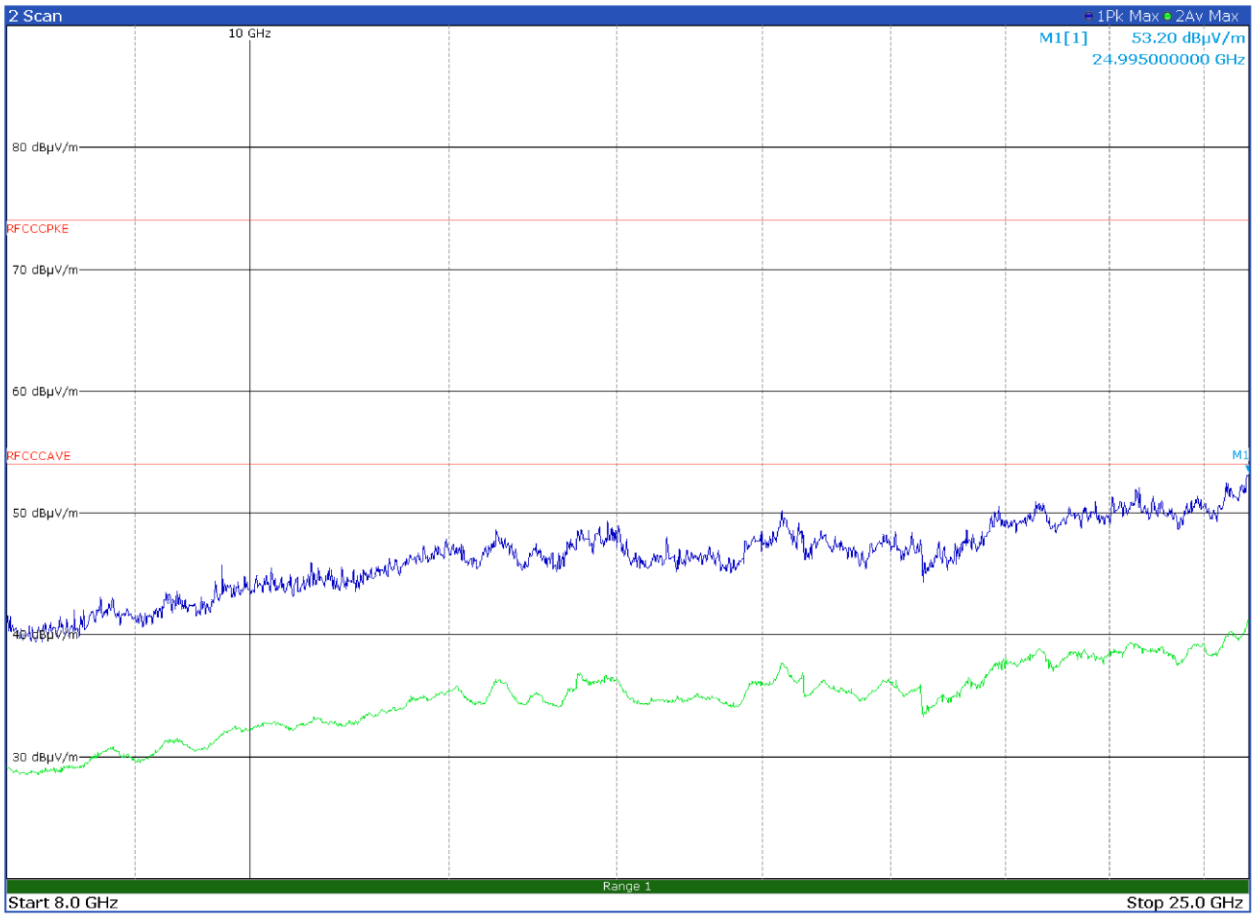

Figure 8.6-31: *Radiated spurious emissions for mid channel GFSK modulation – Antenna in horizontal polarization*

No spurious detected

Test data, continued

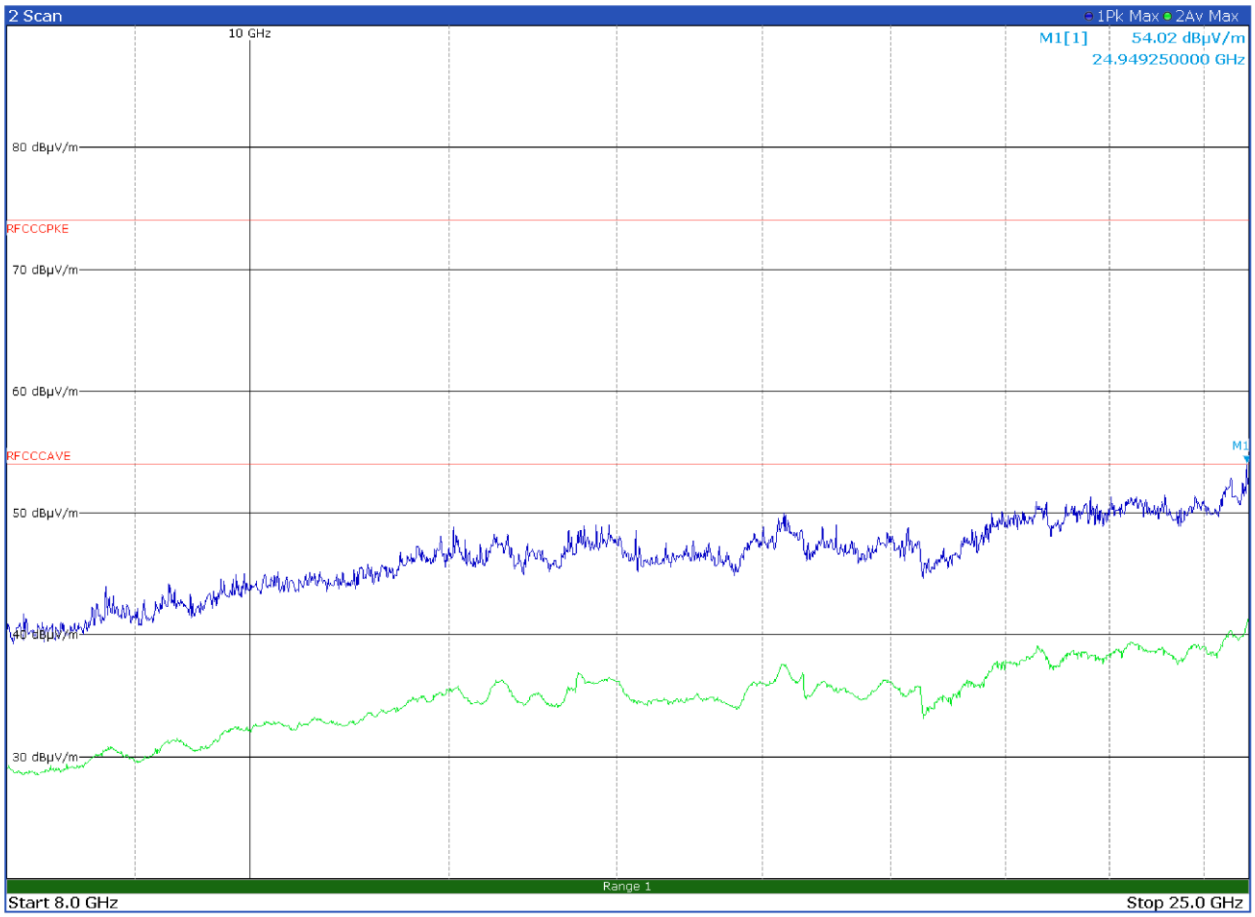

Figure 8.6-32: *Radiated spurious emissions for mid channel GFSK modulation – Antenna in vertical polarization*

No spurious detected

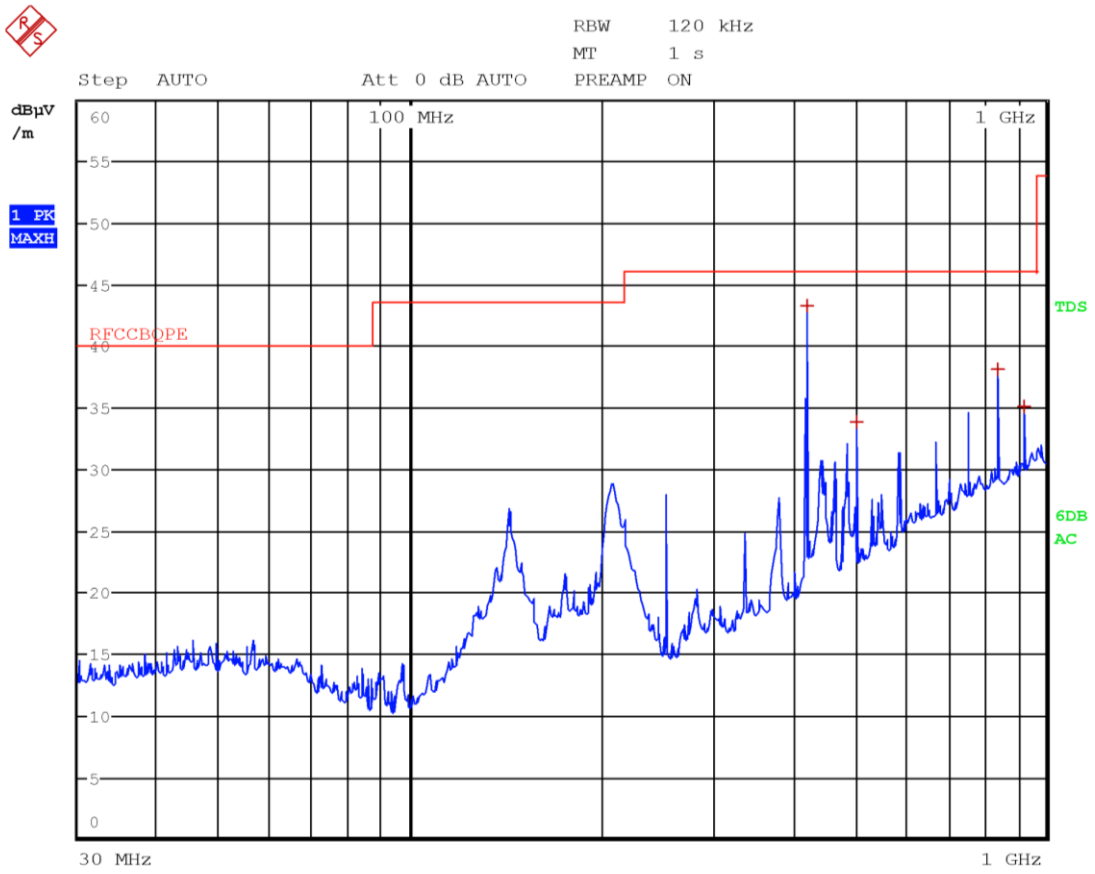

Figure 8.6-33: *Radiated spurious emissions for mid channel π/4-DQPSK modulation – Antenna in horizontal polarization*

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
419.9700	43.3	46.0	-2.7	QP
503.9700	33.9	46.0	-12.1	QP
839.8800	38.1	46.0	-7.9	QP
923.8500	35.2	46.0	-10.8	QP

Test data, continued

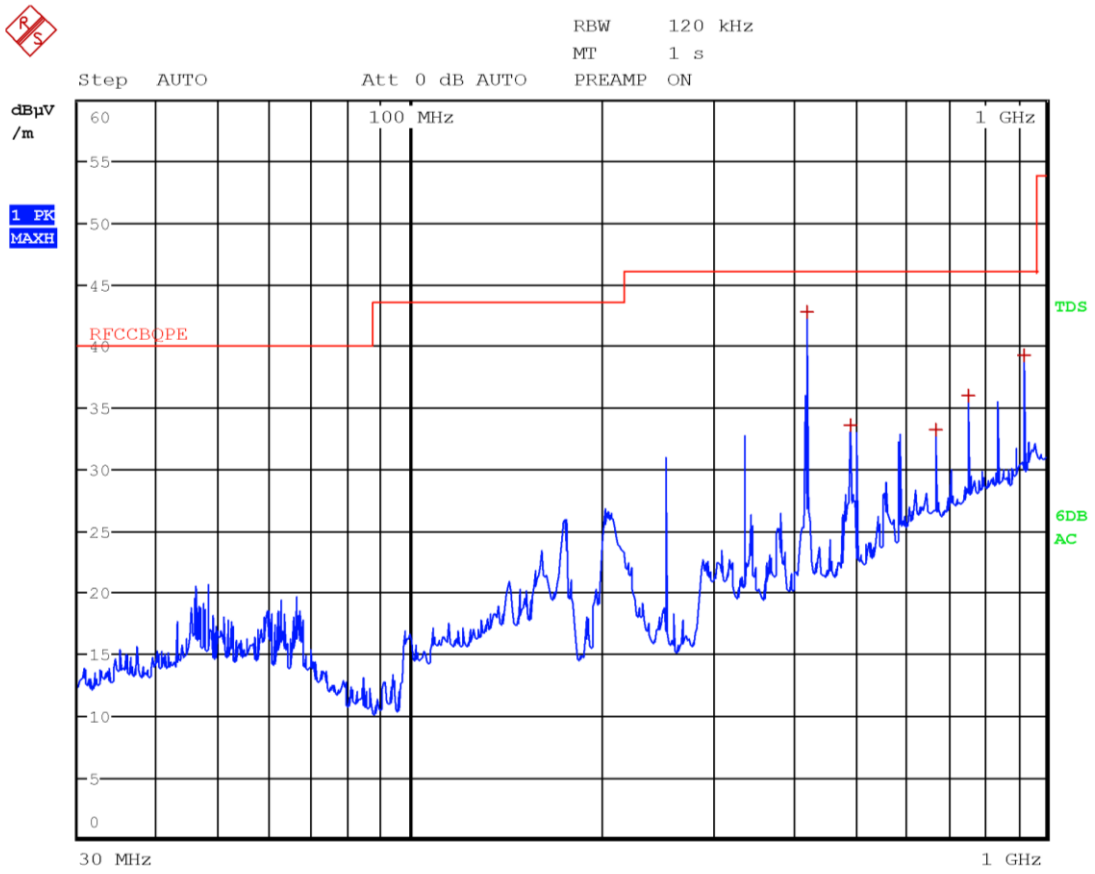

Figure 8.6-34: *Radiated spurious emissions for mid channel π/4-DQPSK modulation – Antenna in vertical polarization*

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
420.0300	42.9	46.0	-3.1	QP
493.4100	33.7	46.0	-12.3	QP
672.0000	33.3	46.0	-12.7	QP
756.0600	36.1	46.0	-9.9	QP
924.1800	39.3	46.0	-6.7	QP

Test data, continued

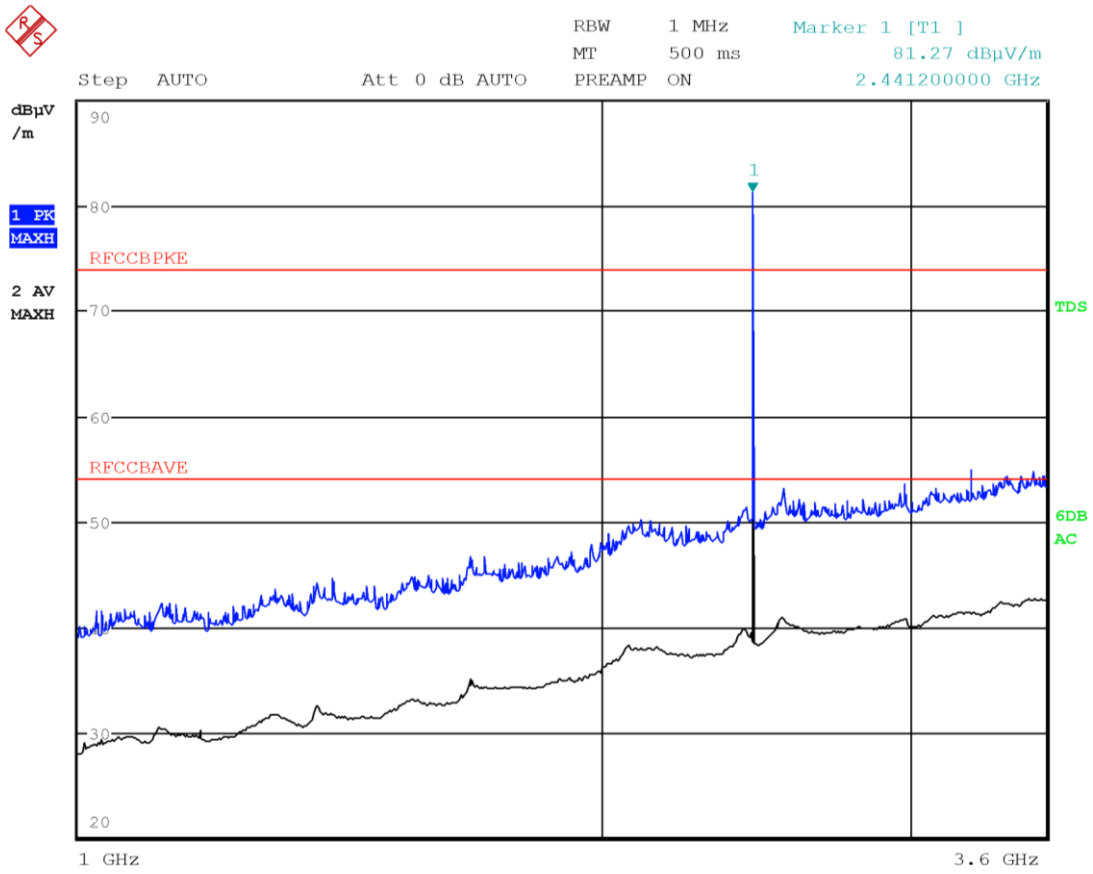

Figure 8.6-35: *Radiated spurious emissions for mid channel π/4-DQPSK modulation – Antenna in horizontal polarization*

No spurious detected – Limit exceeded by the carrier

Test data, continued

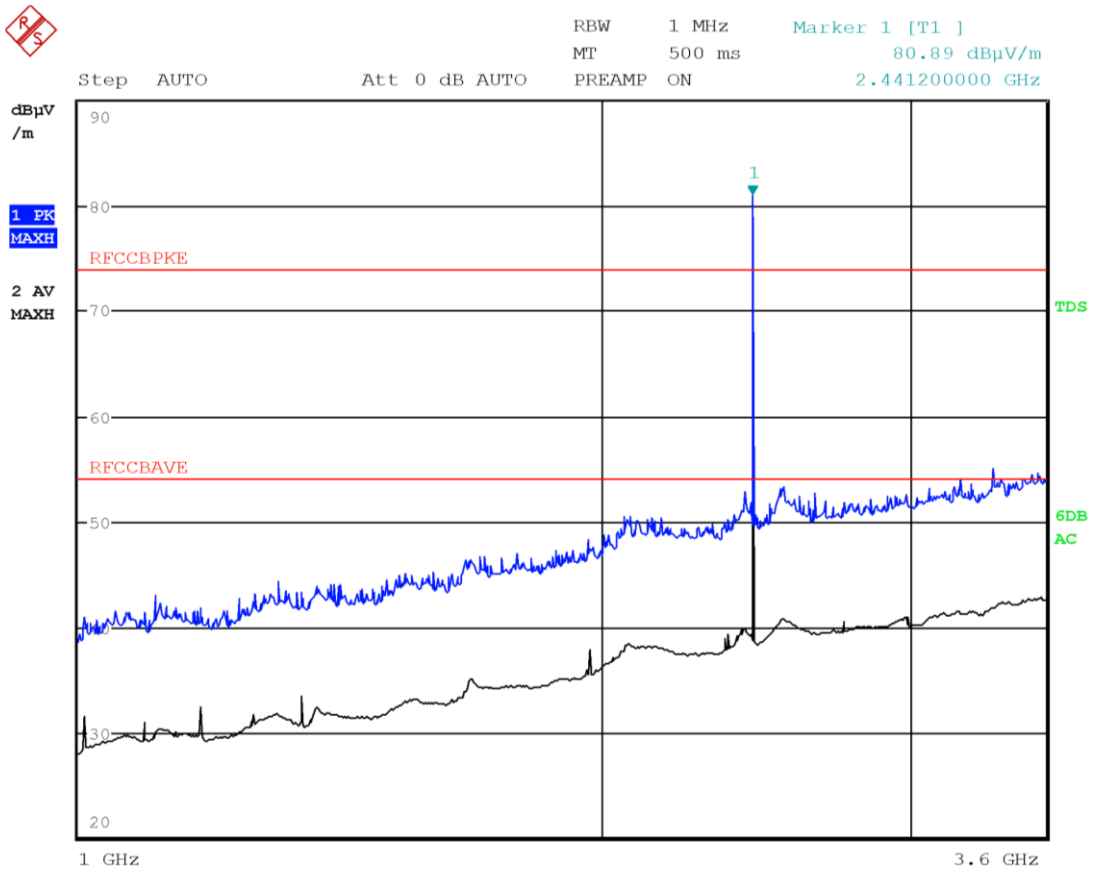

Figure 8.6-36: *Radiated spurious emissions for mid channel π/4-DQPSK modulation – Antenna in vertical polarization*

No spurious detected – Limit exceeded by the carrier

Test data, continued

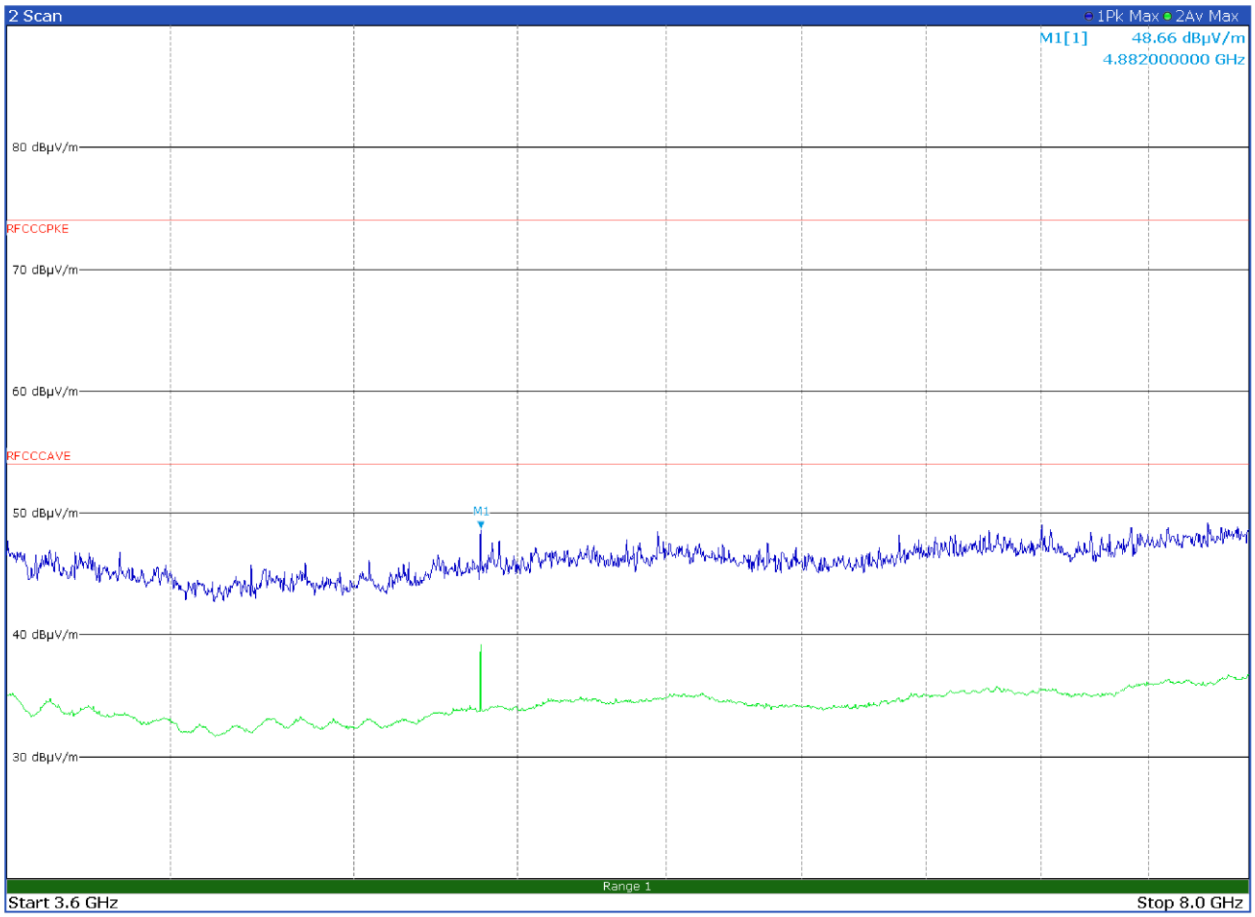

Figure 8.6-37: *Radiated spurious emissions for mid channel π/4-DQPSK modulation – Antenna in horizontal polarization*

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
4882.00	48.7	74.0	-25.3	PK
4882.00	48.2	54.0	-5.8	AV

Note: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.

Test data, continued

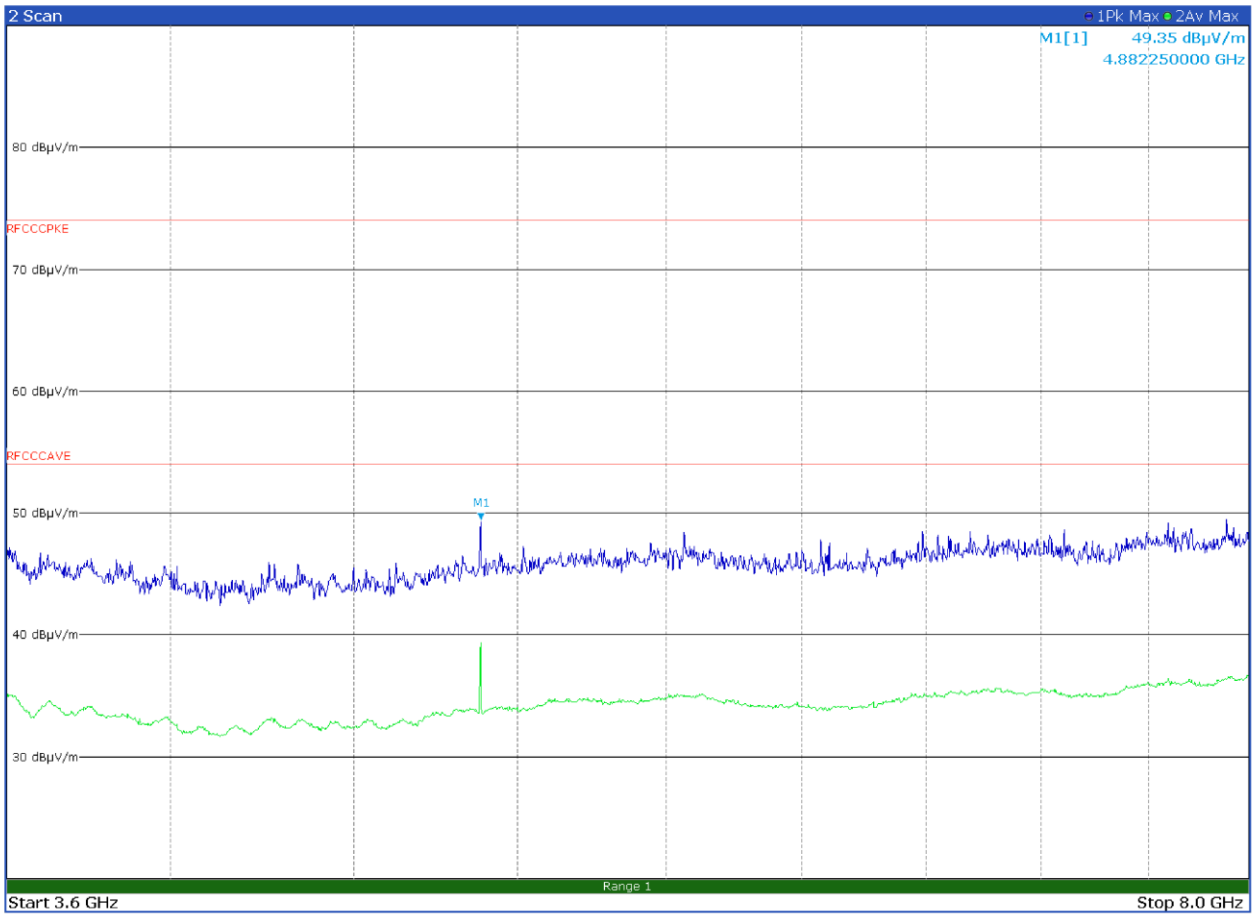

Figure 8.6-38: *Radiated spurious emissions for mid channel π/4-DQPSK modulation – Antenna in vertical polarization*

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
4882.25	49.4	74.0	-24.6	PK
4882.25	48.8	54.0	-5.2	AV

Note: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.

Test data, continued

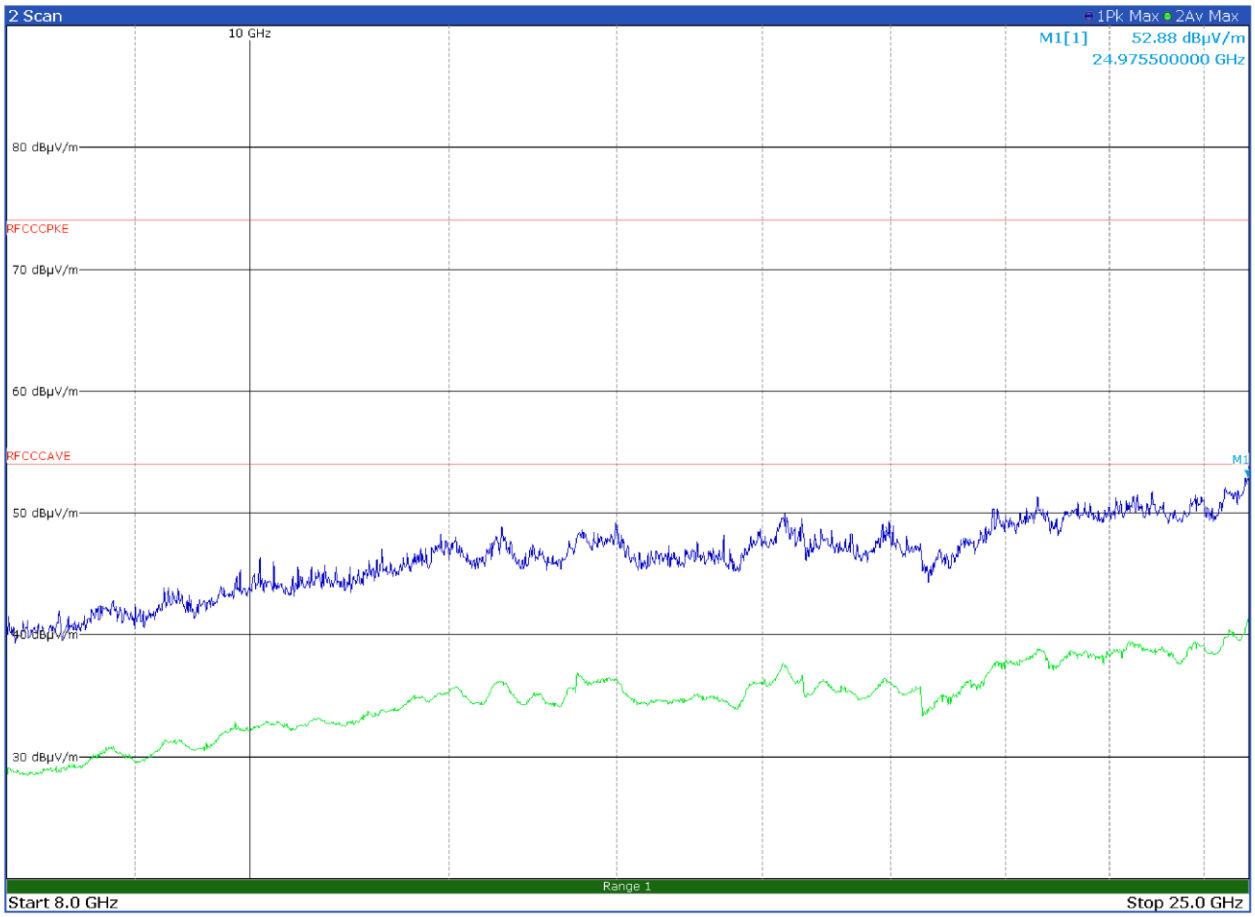

Figure 8.6-39: *Radiated spurious emissions for mid channel π/4-DQPSK modulation – Antenna in horizontal polarization*

No spurious detected

Test data, continued

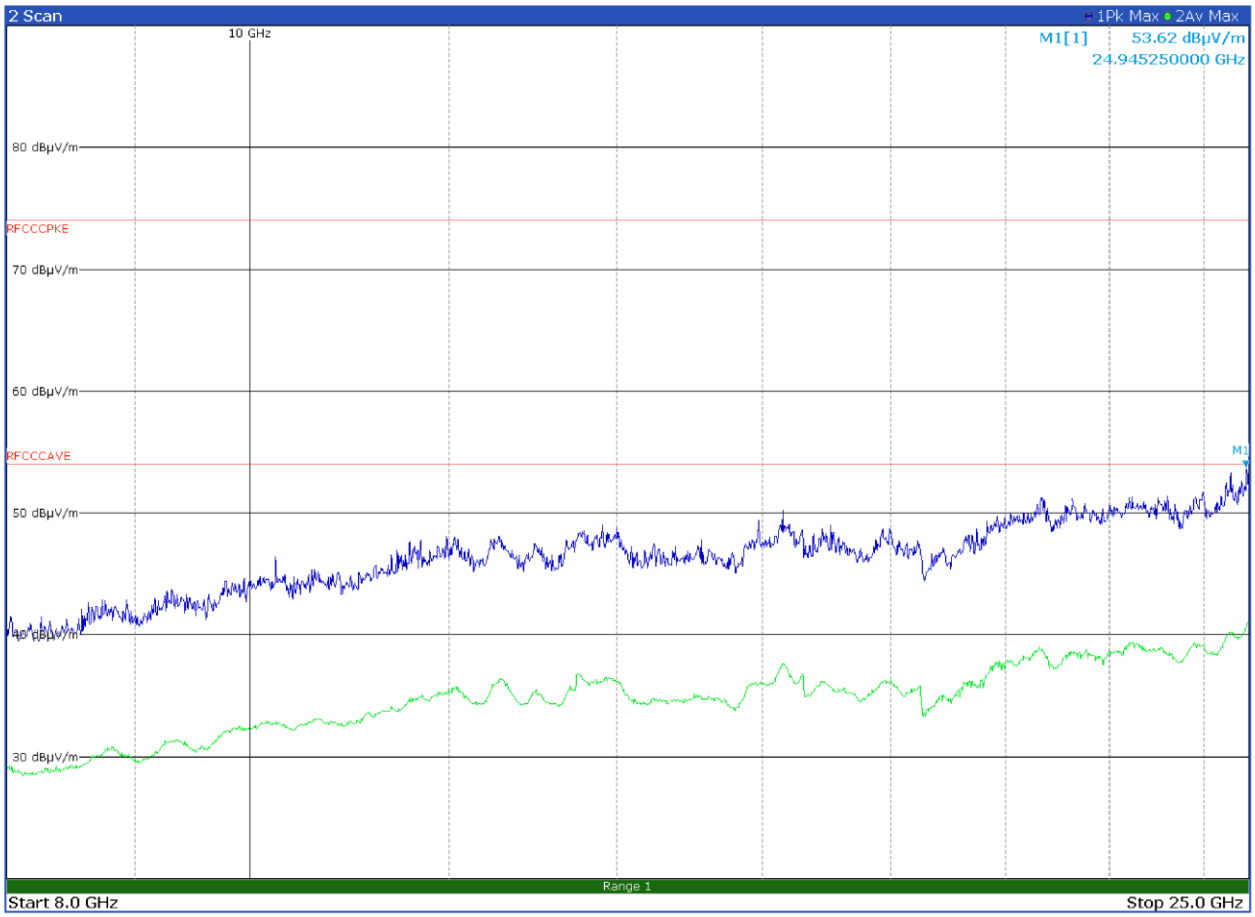

Figure 8.6-40: *Radiated spurious emissions for mid channel π/4-DQPSK modulation – Antenna in vertical polarization*

No spurious detected

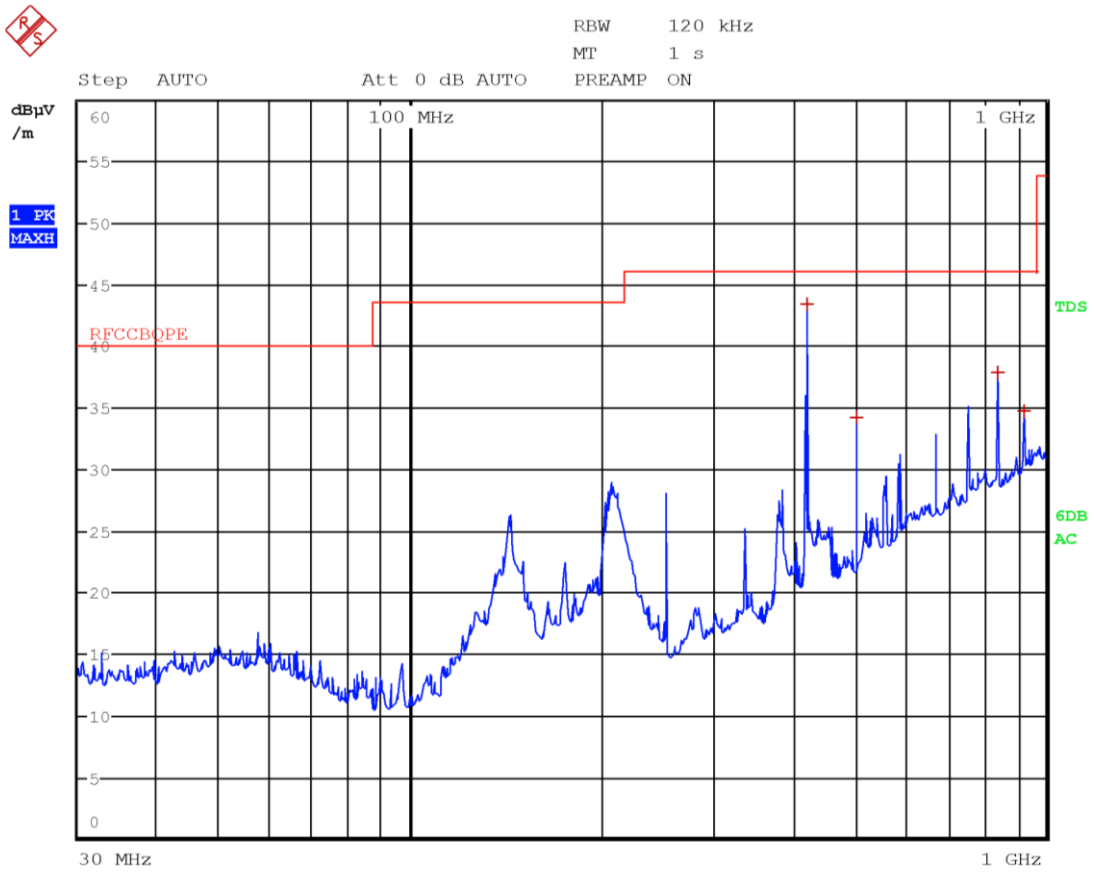

Figure 8.6-41: *Radiated spurious emissions for mid channel 8-DPSK modulation – Antenna in horizontal polarization*

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
419.8800	43.4	46.0	-2.6	QP
503.9700	34.3	46.0	-11.7	QP
840.0900	38.0	46.0	-8.0	QP
923.9700	34.8	46.0	-11.2	QP

Note: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.

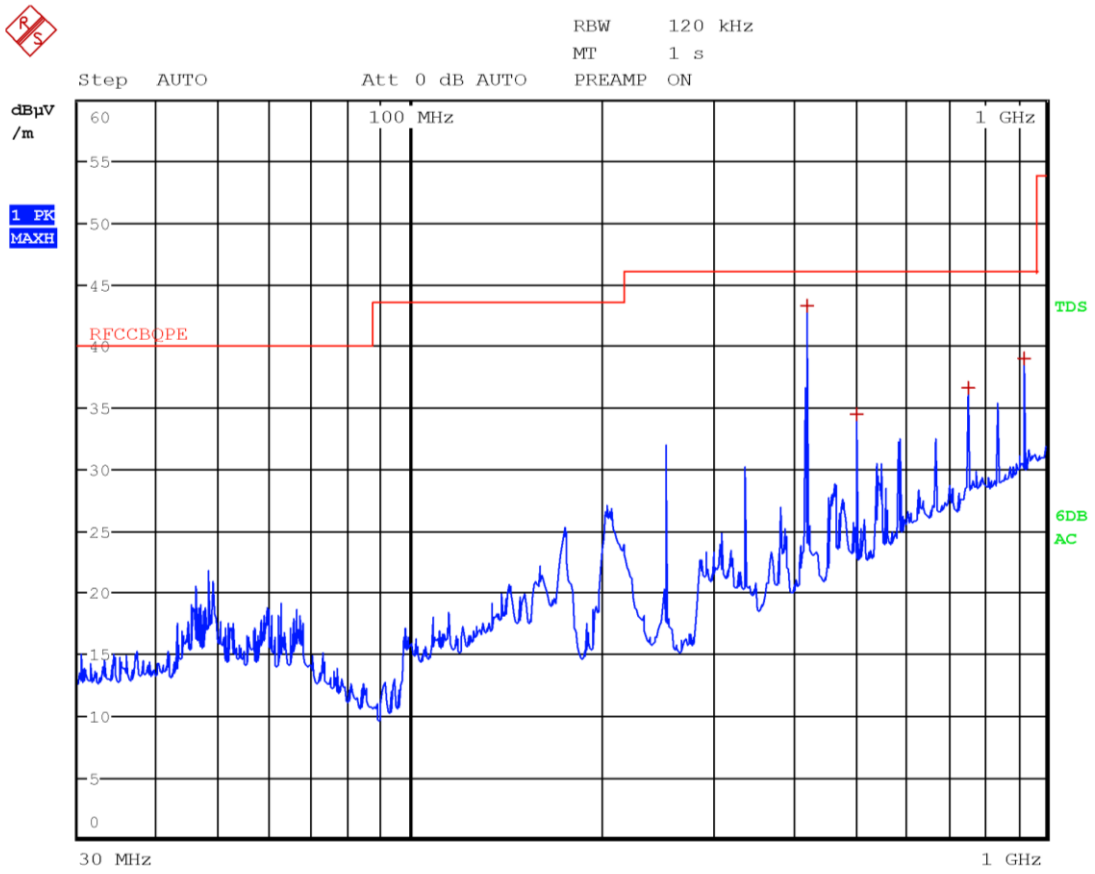

Figure 8.6-42: *Radiated spurious emissions for mid channel 8-DPSK modulation – Antenna in vertical polarization*

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
419.9700	43.4	46.0	-2.6	QP
504.0300	34.6	46.0	-11.4	QP
756.0600	36.7	46.0	-9.3	QP
923.8800	39.1	46.0	-6.9	QP

Note: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.

Test data, continued

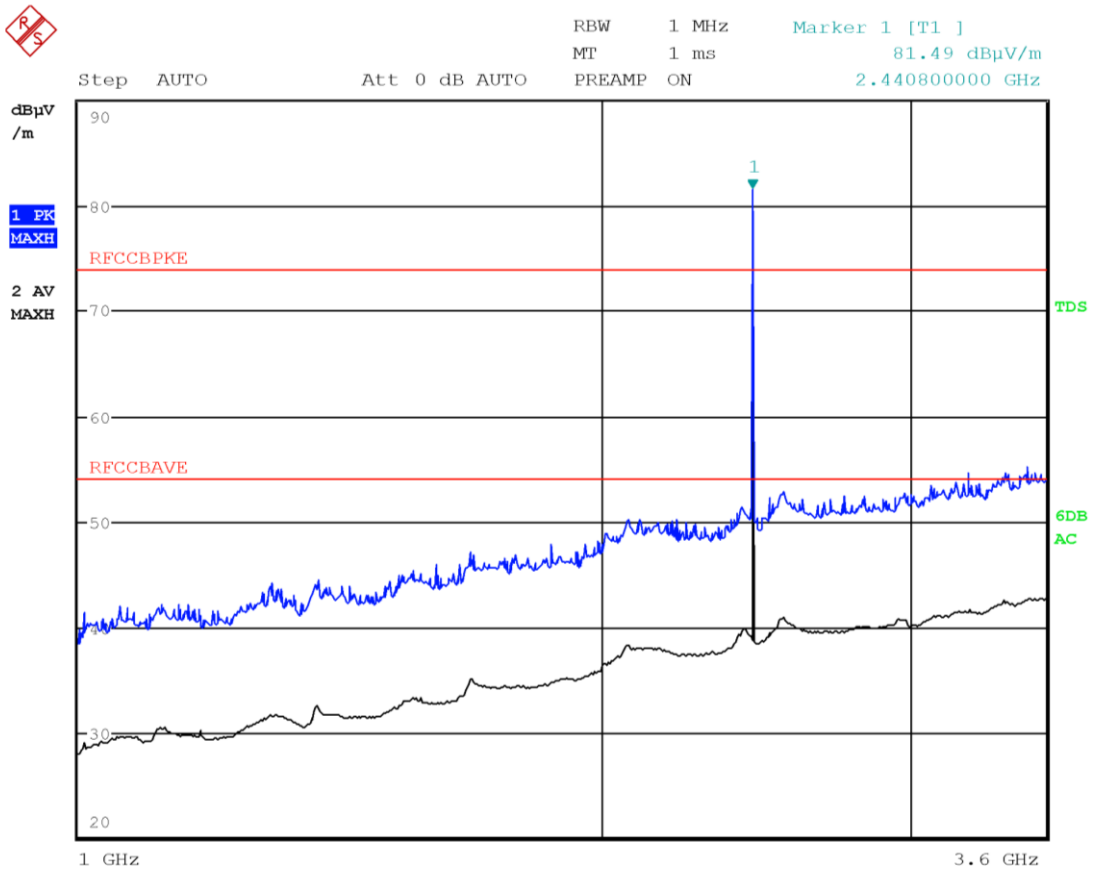

Figure 8.6-43: *Radiated spurious emissions for mid channel 8-DPSK modulation – Antenna in horizontal polarization*

No spurious detected – Limit exceeded by the carrier

Test data, continued

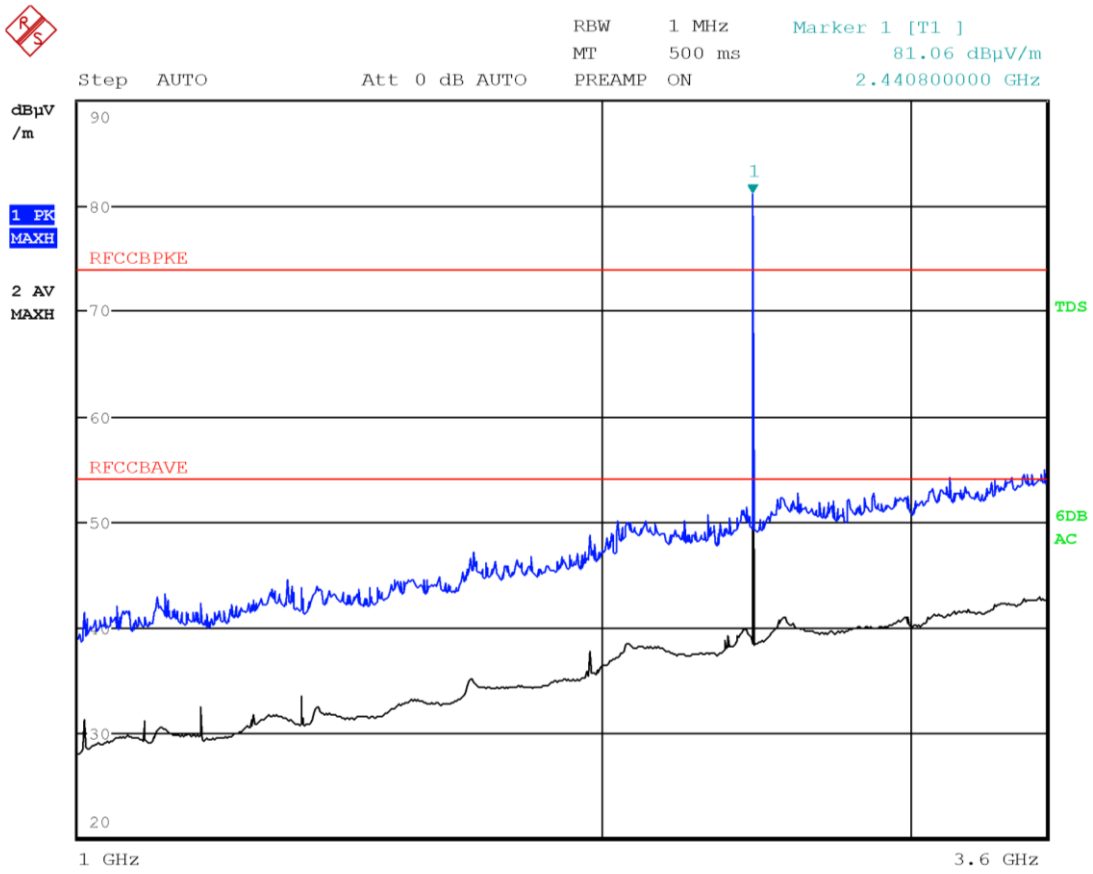

Figure 8.6-44: *Radiated spurious emissions for mid channel 8-DPSK modulation – Antenna in vertical polarization*

No spurious detected – Limit exceeded by the carrier

Test data, continued

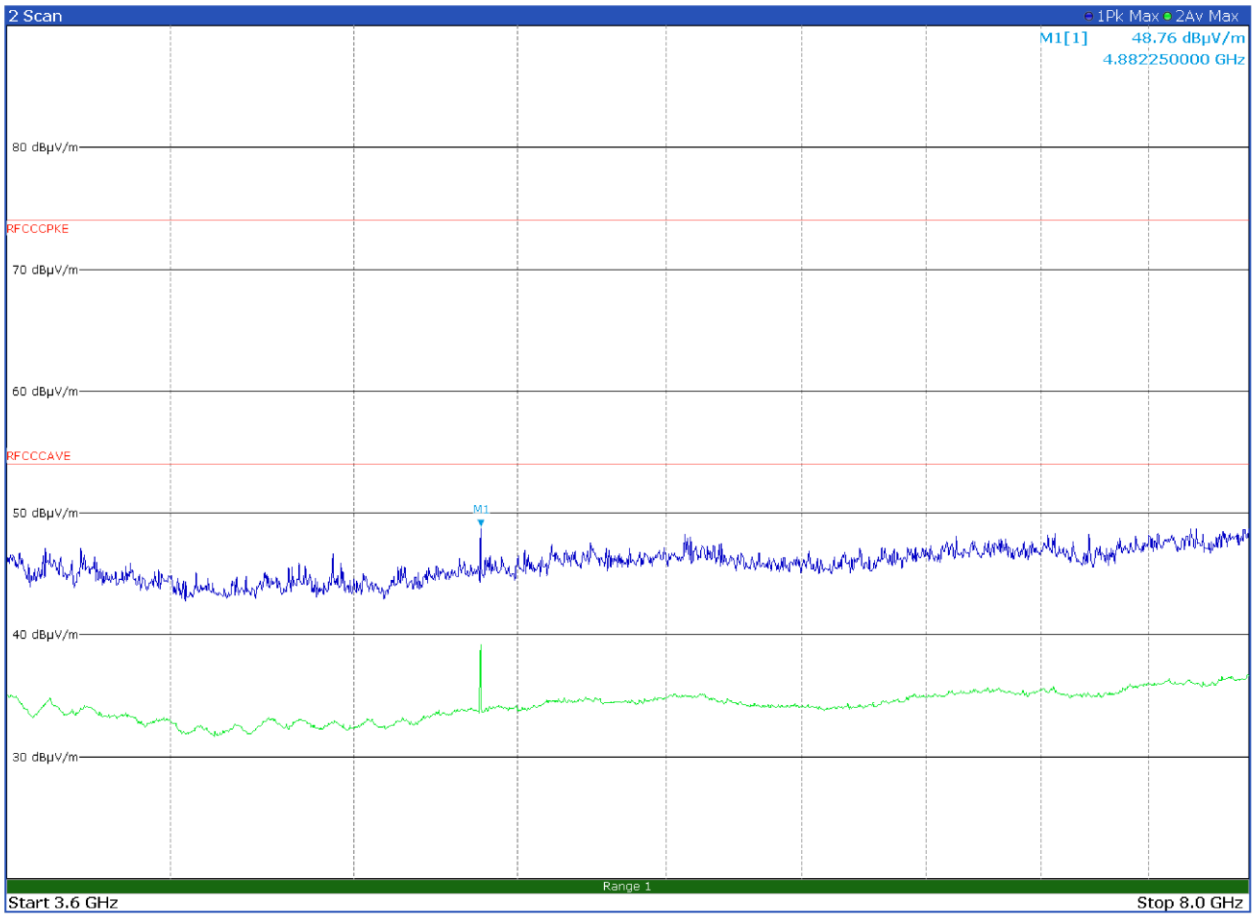

Figure 8.6-45: *Radiated spurious emissions for mid channel 8-DPSK modulation – Antenna in horizontal polarization*

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
4882.25	48.8	74.0	-25.2	PK
4882.25	48.1	54.0	-5.9	AV

Note: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.

Test data, continued

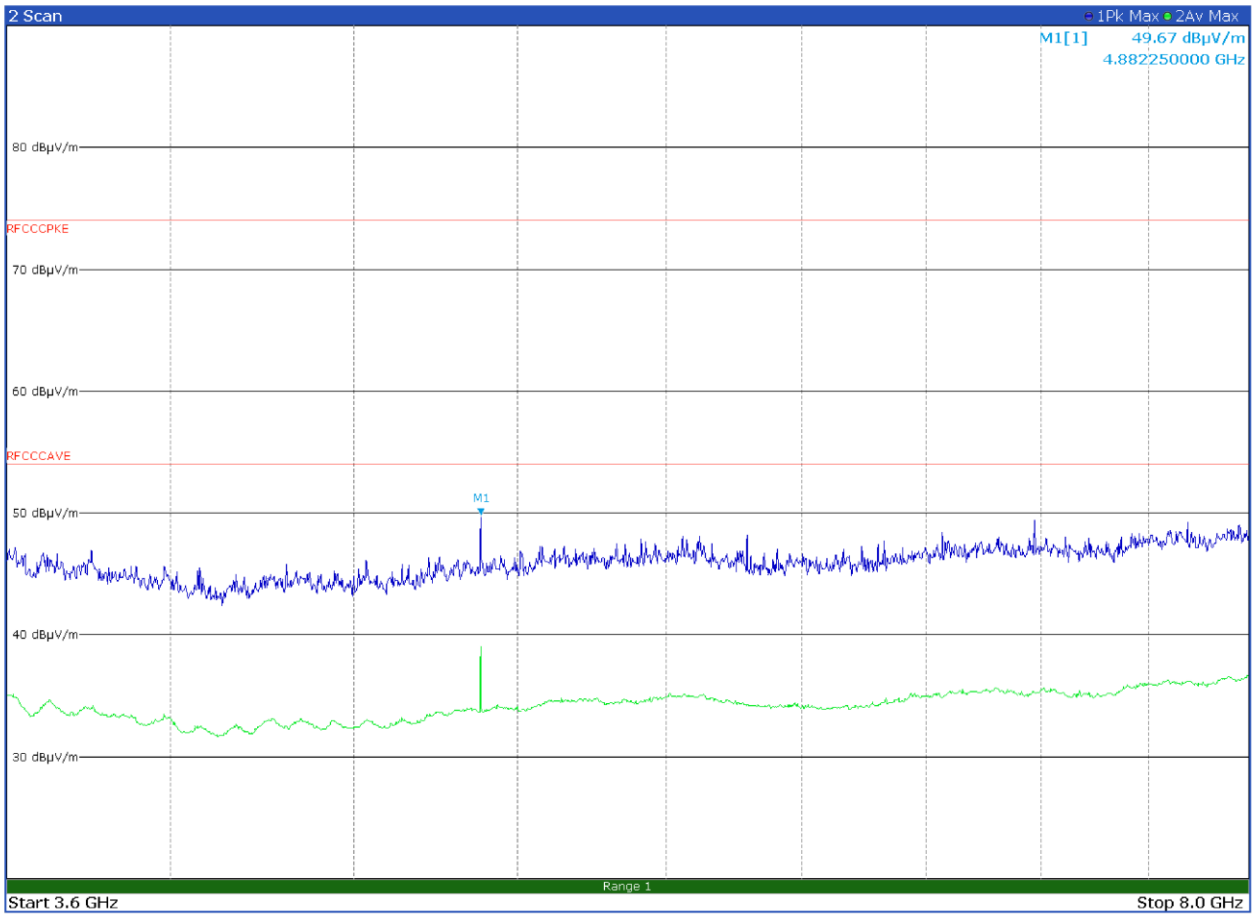

Figure 8.6-46: *Radiated spurious emissions for mid channel 8-DPSK modulation – Antenna in vertical polarization*

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
4882.25	49.7	74.0	-24.3	PK
4882.25	49.2	54.0	-4.8	AV

Note: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.